

MR1957-533
Serial Number: 09/838,223
Responsive to Office Action dated 05 May 2004

AMENDMENT FO THE SPECIFICATIONS

I. Please insert the following new paragraph following the paragraph on page 1, line 16 to page 2, line 5:

In order to solve the problems inherent with ergonomic keyboards, some specific function keys have been added to keyboards. For example, the traditional IBM keyboards, which had 83 – 84 keys, have been expanded to 104 – 105 keys, including “Insert”, “Delete”, “Home”, “End”, “Page Up”, “Page Down”, “Up”, “Down”, “Left”, “Right”, and so forth. For discrimination purposes, the extended code “E0” is added in front of the original key codes, such as the key codes of the keys in the Num Lock region. Thereby, function keys can be added.

II. Please insert the following new paragraph following the paragraph on page 2, line 17 to page 3, line 4:

United States Patent Application Publication No. 2003/0043121 A1 (filed by the same inventor) further adds one multimedia point device (wheel) for keyboard and mouse functionality performed at the same time. This system allows the keyboard and mouse to utilize a special wheel for launching software pop-up menus. The user can select the pop-up menu select items for launch functions. However, the direct access key added in the keyboard or mouse is the best way and easiest for use (one-press launch function).

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III. Please replace the paragraph on page 3, lines 6 – 16 with the following amended paragraph:

It is an object of the present invention to provide an auxiliary device for editing a document and to enable a user to directly edit the document on a keyboard. A modular key set is arranged on the computer peripheral and connected to an I/O bus of the single-chip microprocessor. The modular key set is composed of function keys such as cut key, paste key, copy key, mark key, etc. The user uses the mark key to mark a segment of the document, the cut key to cut the document segment in the marked region, and the up arrow, down arrow, left arrow and right arrow to move the cursor to a specific region. Afterward, the user can use the paste key or the copy key to paste or copy the selected document segment to the position of cursor. Therefore, the user can directly use the modular key set to edit the document without invoking key chording or heavy use of the mouse (moving mouse and serial clicking for select application software key functions).

IV. Please replace the paragraph on page 5, lines 11 – 13 with the following amended paragraph:

As shown in Figs. 3 and 4, the present invention provides ~~an~~ a demo auxiliary device for editing a document, which comprises a computer peripheral 1 and a modular key set 2 with a document editing function.